

## DECLARATION OF PERFORMANCE

DoP N°: ES0001-006 (en) 20161128

**1. Unique identification code of the product-type:**

02020101  
*ACUSTILAIN E (See product label)*

**2. Intended use:**

*Thermal insulation of Building (ThIB)*

**3. Manufacturer:**

*SAINT-GOBAIN ISOVER IBÉRICA, S.L.  
Av. Del Vidrio s/n, 19200 Azuqueca de Henares (Guadalajara-Spain)  
www.isover.es*

**4. Name and contact address of the authorised representative:**

*Not applicable*

**5. System(s) of Assessment and Verification of Constancy of Performance of the construction product:**

*AVCP System 1 for Reaction to fire  
AVCP System 3 for other characteristics*

**6. Harmonised standard: EN\_13162:2012+A1:2015**

**Notified Body:**

*Asociación Española de Normalización y Certificación, AENOR (Notified Body n° 0099).  
Performed the determination of the product-type on the basis of type testing (including sampling);  
initial inspection of the manufacturing plant and of factory production control; continuous  
surveillance, assessment and evaluation of factory production control; under system 1.*

*Centro de ensayos, innovación y servicios, CEIS (Notified Body n°1722).  
Performed the determination of the product-type on the basis of type testing (based on sampling  
carried out by the manufacturer), under system 3.*

**7. Declared performance: Harmonised standard EN\_13162:2012+A1:2015**

Essential characteristics		Performance
Reaction to fire	<i>Reaction to fire</i>	A1
Release of dangerous substances to the indoor environment	<i>Release of dangerous substances<sup>g</sup></i>	NPD
Acoustic absorption index	<i>Sound absorption<sup>f</sup></i>	AW0,60 (30 mm) AW1 (≥100 mm)
Impact noise transmission index (for floors)	<i>Dynamic stiffness<sup>f</sup></i>	NPD
	<i>Thickness, d<sub>t</sub></i>	T3
	<i>Compressibility</i>	NPD
	<i>Air flow resistivity</i>	AFr5
Direct airborne sound insulation index	<i>Air flow resistivity</i>	AFr5
Continuous Glowing combustion	<i>Continuous Glowing combustion</i>	NPD
Thermal resistance	<i>Thermal conductivity (λ)</i>	0,037
	<i>Thermal resistance<sup>f</sup></i>	RD:0,80 (30 mm) RD:4,05(150 mm)
	<i>Thickness</i>	T3
Water permeability	<i>Water absorption</i>	WS
Water vapour permeability	<i>Water vapour transmission</i>	MU1
Compressive strength	<i>Compressive stress or compressive strength</i>	NPD
	<i>Point load</i>	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	<i>Durability characteristics<sup>b</sup></i>	b
Durability of thermal resistance against heat, weathering, ageing/degradation	<i>Thermal resistance and thermal conductivity</i>	c
	<i>Características de durabilidad</i>	DS(23,90) <sup>d</sup>
Tensile/Flexural strength	<i>Tensile strength perpendicular to faces<sup>e</sup></i>	NPD
Durability of compressive strength against ageing/degradation	<i>Compressive creep</i>	NPD

<sup>a</sup> No change in Reaction to fire properties for mineral wool products.

<sup>b</sup> The fire performance of mineral wool does not deteriorate with time.

<sup>c</sup> Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

<sup>d</sup> For thickness only.

<sup>e</sup> This characteristic also covers handling and installation.

<sup>f</sup> See product label: Thickness /performance.

<sup>g</sup> An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA, accessed through: [http://ec.europa.eu/enterprise/construction/internal/dangsub/dangmain\\_en.htm](http://ec.europa.eu/enterprise/construction/internal/dangsub/dangmain_en.htm)

**8. Adequate technical documentation or specific technical documentation:**

*Not applicable*

Product benefits identified above are consistent with the set of performance features. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.




Fernando Peinado Hernández  
(Responsible Building Certification)  
Azuqueca de Henares, 28/11/2016